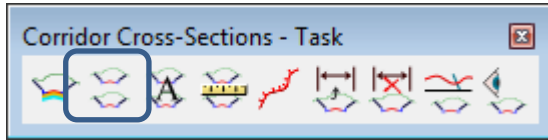# Creating Cross Sections

Extracts multiple cross sections and draws them in a matrix pattern. These sections are subsequently used for cross section sheets and earthwork calculations. Only the surfaces that you select when you initiate the command are displayed in the cross sections.

Corridor Cross-Sections - Task

1. Create Cross Section tool	→	2. Create Cross Section dialog	→	3. Create Cross Section dialog	→	4. Create Cross Section dialog	→	5. Create Cross Section dialog

How to create Cross Sections	*Choosing a Preference*	*General Leaf*	*Custom Leaf*	*The other Leafs*

How to create Cross Sections

1. Select the Create Cross Section tool

2. Follow the heads up prompts and locate the alignment

Choosing a Preference

1. Select the Preferences button

2. Select the preferred preference and click "load"

3. Close the Preferences dialog

General Leaf

1. Set Stationing limits

2. Set Interval

3. Create a Model name Tip: use the sheet scale in the model name

Custom Leaf

1. This leaf allows the user to choose an option to customize how cross sections are created

Type: Station Range
Details
Start Station:
Stop Station:
Station Range / Perpendicular / Skewed / Linestring

2. Look up Chapter 9 for more detailed instructions as well as videos through the Project Explorer

The other Leafs

1. Spacing, Controls, Axes and Sheet leafs have been set by the Preference choice and as such DO NOT need to be adjusted

6. Apply Button!

1. Click the Apply button to create and open a new model containing the defined cross sections

Preferences
Name:
Default
Sheet - 05 scale
Sheet - 10 scale
Sheet - 20 scale
Stacked - w/ Grid and Axis
Stacked - XS Only
Close
Load
Save
Save As...
Delete
Rename...
Help
Active Preference: Sheet - 10 scale

Interval: 50.0000
Vertical Exaggeration: 1.0000
Display in View: 1
Stacked / Sheet
Model
Name: ROAD1
Scale: 1"=10'
Apply / Preferences... / Close / Help

Model
Name: ROAD1-10 Scale
Scale: 1"=10'